

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10608846
Filing Date	2003-06-27
First Named Inventor	Glasco
Art Unit	2186
Examiner Name	Thai, T.
Attorney Docket Number	NWISP030

**U.S. PATENTS****Remove**

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
Th	1	5893151		1999-04-06	Merchant	
Th.	2	6292906		2001-09-18	Fu et al.	
Th.	3	6209055		2001-03-27	Van Doren et al.	
Th.	4	6085295		2000-07-04	Ekanadham et al.	
Th.	5	6108737		2000-08-22	Sharma et al.	
Th.	6	6052769		2000-04-18	Huff et al.	
Th.	7	6073210		2000-06-06	Palanca et al.	
Th.	8	6122715		2000-09-19	Palanca et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10608846
Filing Date	2003-06-27
First Named Inventor	Glasco
Art Unit	2186
Examiner Name	Thai, T.
Attorney Docket Number	NWISP030

Th.	9	6173393		2001-01-09	Palanca et al.	
Th.	10	6205520		2001-03-20	Palanca et al.	
Th.	11	6343347		2002-01-29	Arimilli et al.	
Th.	12	6665767		2003-12-16	Comisky et al.	
Th.	13	6751721		2004-06-15	Webb et al.	
Th.	14	6799252		2004-09-28	Bauman	
Th.	15	6636906		2003-10-21	Sharma et al.	
Th.	16	5524212		1996-06-04	Somani et al.	
Th.	17	5751995		1998-05-12	Srangdhar	
Th.	18	5893151		1999-04-06	Merchant	
Th.	19	6052769		2000-04-18	Huff et al.	

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

( Not for submission under 37 CFR 1.99)

Application Number	10608846
Filing Date	2003-06-27
First Named Inventor	Glasco
Art Unit	2186
Examiner Name	Thai, T.
Attorney Docket Number	NWISP030

Th.	20	6073210		2000-06-06	Palanca et al.	
Th.	21	6085295		2000-07-04	Ekanadham, et al.	
Th.	22	6108737		2000-08-22	Sharma, et al.	
Th.	23	6122715		2000-09-19	Palanca, et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

## **U.S.PATENT APPLICATION PUBLICATIONS**

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
Th.	1	20040255002		2004-12-16	Kota et al.	
Th.	2	20040117559		2004-06-17	Glasco et al.	
Th.	3	20020046327		2002-04-18	Gharachorloo et al.	
Th.	4	20040088494		2004-05-06	Glasco	
Th.	5	20020083149		2002-06-27	Van Huben	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10608846
Filing Date	2003-06-27
First Named Inventor	Glasco
Art Unit	2186
Examiner Name	Thai, T.
Attorney Docket Number	NWISP030

Th	6	20020087807		2002-07-04	Gharachorloo et al.	
Th	7	20030210655		2003-11-13	Glasco	

If you wish to add additional U.S. Published Application citation information please click the Add button

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
	1		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	<i>Tuan Thai</i>	Date Considered	09/14/07
--------------------	------------------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10608846
Filing Date	2003-06-27
First Named Inventor	Glasco
Art Unit	2186
Examiner Name	Thai, T.
Attorney Docket Number	NWISP030

## U.S. PATENTS

Remove

Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
Th	1	6760809		2004-07-06	Arimilli et al.	
Th	2	6148378		2000-11-14	Bordaz et al.	
Th	3	5829032		1998-10-27	Komuro et al.	
Th	4	6633945		2003-10-14	Fu et al.	
Th	5	5394555		1995-02-28	Hunter et al.	
Th	6	6018791		2000-01-25	Arimilli et al.	
Th	7	6038652		2000-03-14	Van Huben et al.	
Th	8	6192451		2001-02-20	Arimilli et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10608846
Filing Date		2003-06-27
First Named Inventor	Glasco	
Art Unit	2186	
Examiner Name	Thai, T.	
Attorney Docket Number	NWISP030	

Th.	9	6330643		2001-12-11	Arimilli et al.	
Th.	10	6334172		2001-12-25	Arimilli et al.	
Th.	11	6405289		2002-06-11	Arimilli et al.	
Th.	12	6542926		2003-04-01	Zalewski et al.	
Th.	13	6631447		2003-10-07	Morioka et al.	
Th.	14	6738870		2004-05-18	Van Huben et al.	
Th.	15	6738871		2004-05-18	Van Huben et al.	
Th.	16	6892282		2005-05-10	Hass et al.	
Th.	17	6189078		2001-02-13	Bauman et al.	
Th.	18	6338122		2002-01-08	Baumgartner et al.	
Th.	19	6760819		2004-07-06	Dhong et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10608846
Filing Date		2003-06-27
First Named Inventor	Glasco	
Art Unit	2186	
Examiner Name	Thai, T.	
Attorney Docket Number	NWISP030	

Th.	20	6292705		2001-09-18	Wang et al.	
Th.	21	6615319		2003-09-02	Khare et al.	
Th.	22	5195089		1993-03-16	Sindhu	
Th.	23	6865595		2005-03-08	Glasco	
Th.	24	6640287		2003-10-28	Gharachorloo et al.	
Th.	25	6658526		2003-12-02	Nguyen et al.	
Th.	26	6754782		2004-06-22	Arimilli et al.	
Th.	27	6067603		2000-05-23	Carpenter et al.	
Th.	28	6751698		2004-06-15	Deneroff et al.	
Th.	29	6704842		2004-03-09	Janakiraman et al.	
Th.	30	6633960		2003-10-14	Kessler et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number		10608846
Filing Date		2003-06-27
First Named Inventor	Glasco	
Art Unit	2186	
Examiner Name	Thai, T.	
Attorney Docket Number	NWISP030	

Th	31	5692123		1997-11-25	Logghe	
Th	32	6467007		2002-10-15	Armstrong et al.	
Th	33	6463529		2002-10-08	Miller et al.	
Th	34	7003633		2006-02-21	Glasco	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

**U.S.PATENT APPLICATION PUBLICATIONS**

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
Th	1	20030195939		2003-10-16	Edirisooriya et al.	
Th	2	20030009623		2003-01-09	Arimilli et al.	
Th	3	20020052914		2002-05-02	Zalewski et al.	
Th	4	20020083243		2002-06-27	Van Huben	
Th	5	20040073755		2004-04-15	Webb et al.	



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10608846
Filing Date	2003-06-27
First Named Inventor	Glasco
Art Unit	2186
Examiner Name	Thai, T.
Attorney Docket Number	NWISP030

Th.	6	20040088493		2004-05-06	Glasco	
Th.	7	20030212741		2003-11-13	Glasco	
Th.	8	20030233388		2003-12-18	Glasco et al.	
Th.	9	20030182509		2003-09-25	Glasco	
Th.	10	20030182514		2003-09-25	Glasco	
Th.	11	20030182508		2003-09-25	Glasco	
Th.	12	20020007463		2002-01-17	Fung	
Th.	13	20010037435		2001-11-01	Van Doren	
Th.	14	20010013089		2001-08-09	Weber Wolf-Dietrich	
Th.	15	20030196047		2003-10-16	Kessler et al.	
Th.	16	20020087811		2002-07-04	Khare et al.	

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10608846
Filing Date	2003-06-27
First Named Inventor	Glasco
Art Unit	2186
Examiner Name	Thai, T.
Attorney Docket Number	NWISP030

If you wish to add additional U.S. Published Application citation information please click the Add button. [Add](#)

**FOREIGN PATENT DOCUMENTS**

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code <sup>4</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
Th	1	WO 0239242	WO		2002-05-16	SOKWOO et al.		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button. [Add](#)

**NON-PATENT LITERATURE DOCUMENTS**

[Remove](#)

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>5</sup>
Th	1	Application No: 10/288,347 (Now US Patent No. 7,003,633), Notice of Allowance, dated September 12, 2005 (Atty Dkt: NWISP024)	<input type="checkbox"/>
Th	2	Application No: 10/288,347 (Now US Patent No. 7,003,633), Allowed Claims, (Atty Dkt: NWISP024)	<input type="checkbox"/>
Th	3	KIM et al., "Power-aware Partitioned Cache Architectures", 2001 ACM p. 6467	<input type="checkbox"/>
Th	4	POWELL et al., "Reducing Set-Associative Cache Energy via Way-Prediction and Selective Direct-Mapping" 2001 IEEE, p. 54-65	<input type="checkbox"/>
Th	5	CULLER, D.E., J. P. Singh, A. Gupta, "Parallel Computer Architecture", 1999 Morgan Kaufmann, San Francisco, CA USA XP002277658	<input type="checkbox"/>
Th	6	TANENBAUM, Andrew, "Computer Networks", Computer Networks, London: Prentice Hall International, GB, 1996, pp. 345-403, XP002155220	<input type="checkbox"/>

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
( Not for submission under 37 CFR 1.99)

Application Number	10608846
Filing Date	2003-06-27
First Named Inventor	Glasco
Art Unit	2186
Examiner Name	Thai, T.
Attorney Docket Number	NWISP030

Th.	7	PCT Search Report PCT/US03/34756, Int'l filing date 10/30/03, Search report Mailed December 16, 2004. (NWISP024.WO)	<input type="checkbox"/>
Th.	8	BILIR et al., Multicast snooping: A New Coherence using a multicast address network, Computer Architecture, 1999, Proceedings of the 26th Int'l Symposium May 2-4, 1999	<input type="checkbox"/>
Th.	9	MARTIN et al., "Bandwidth Adaptive Snooping" High Performance Architecture, 2002, Proceedings. Eighth Int'l Symposium Feb. 2-6, 2002, pp. 251-262	<input type="checkbox"/>
Th.	10	SORIN et al., "Specifying and Verifying a Broadcast and a Multicast Snooping Cache Coherence Protocol" Parallel and Distributed Systems, IEEE Transactions, Vol. 13, Issue 6, June 2002	<input type="checkbox"/>
Th.	11	Application No: 10/288,347 (Now US Patent No. 7,003,633), First Office Action, dated November 18, 2004 (Atty Dkt: NWISP024)	<input type="checkbox"/>
Th.	12	Application No: 10/288,347 (Now US Patent No. 7,003,633), Final Office Action, dated May 12, 2005 (Atty Dkt: NWISP024)	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**EXAMINER SIGNATURE**

Examiner Signature	Tha Thai	Date Considered	09/14/07
--------------------	----------	-----------------	----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> See Kind Codes of USPTO Patent Documents at [www.USPTO.GOV](http://www.USPTO.GOV) or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.